

UltraSeal XT[®] *plus*[™]

Pit & Fissure Sealant
and Flowable Composite

Description:

- Thixotropic, resin sealant that penetrates into occlusal grooves, when used with the Inspiral[®] Brush tip that allows for shear thinning effect of the sealant.
- 58% filled for optimum strength.
- UltraSeal XT plus in conjunction with PrimaDry[®] drying and priming agent virtually eliminates microleakage.
- Radiopaque.

Indications:

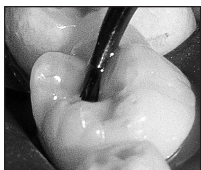
Use UltraSeal XT plus for prophylactic sealing of pits and fissures.



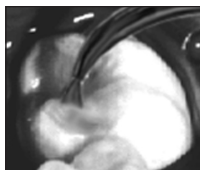
Thixotropic, 58% filled UltraSeal XT plus flows out of a syringe through the helical channel of the Inspiral Brush tip.

Preliminary Procedure:

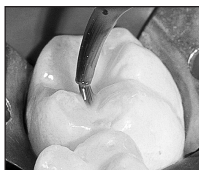
1. Remove luer lock cap from Ultra-Etch[®] 35% phosphoric acid syringe. Firmly twist a disposable Inspiral Brush tip or Blue Micro[®] tip onto syringe.
2. Remove luer lock cap from 1.2 ml PrimaDry syringe. Firmly twist either a Black Mini[®] Brush or a Blue Micro tip onto syringe.
3. Remove luer cap from UltraSeal XT plus syringe. Firmly twist an Inspiral Brush tip or a Black Micro[®] FX tip onto syringe.
4. Clean fissures with a prophy-jet type device, high pressure air abrasion or a thin diamond bur. We recommend the Fissure Prep Bur to remove enamel pellicle, etc.; If using a prophy-jet type device with sodium bicarbonate, it is advised to etch twice. The first application neutralizes the sodium bicarbonate; the second conditions the enamel.
5. Hold syringe in palm of hand for optimum control rather than in conventional manner with thumb on plunger.



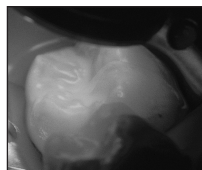
Etch



Dry and Prime



Seal



Cure

Procedure:

Pit & Fissure Sealants

Etch:

1. Isolate teeth with rubber dam or appropriate absorbent devices such as cotton rolls, etc. Moisture contamination either in liquid or vapor form just prior to resin placement will compromise bond and seal.¹
2. Deliver Ultra-Etch to fissure using the Inspiral Brush tip or the Blue Micro tip, according to preference. Etch with Ultra-Etch for 15-20 seconds, then rinse with full air/water spray and dry.

Dry and Prime:

Apply PrimaDry and leave 5 seconds. Dry by gently blowing area with moisture-free and oil-free air (don't rinse).²

Note: PrimaDry significantly enhances bond and seal of UltraSeal XT plus. Remember, fissures are not empty spaces. Organic matter in the fissures can act like a sponge, supplying moisture contamination. PrimaDry rapidly volatilizes moisture content of fissures.

Note: Most dental 3-way syringes deliver moist contaminants with air. Use Aqua✓® to evaluate moisture content of air in 3-way syringe.

Note: If applying to dentin, use a dentin bonding agent such as PQ Clear in place of PrimaDry for both dentin and enamel. Do not use PrimaDry as a dentin bonding agent.

Seal:

The Inspiral bristle length can be customized by grasping bristles between thumb and finger and moving them in or out. A shorter length is desirable to “stiffen” the brush; We recommend about

1.2mm in length. Express a small drop of sealant at the end of the Inspiral Brush tip. Using a scrubbing motion, apply to the deepest anatomy of the fissure. The resin is then worked into the fissures with the tip of the fibers. The Black Micro FX tip is an alternative delivery tip. It is preferable to not place too much resin.

Light Cure:

Cure 20 seconds if using a standard curing light, 10 seconds if using a high energy light. (Use a quality Halogen or the quality Ultra-Lume® LED lights.) Adjust occlusion.

Precautions:

1. Replace luer lock caps when syringes are not in use or use TipSoc™ covers.
2. All 1.2 ml tips are disposable: use one per patient.
3. Clean and disinfect 1.2 ml syringes between patients.
4. Never attempt to deliver any Ultra-Etch or sealant through the Black Mini Brush tip.
5. Always twist tips securely onto syringes. Use slow, steady pressure when expressing materials through brush tips. Always check the flow of each material on a mixing pad before intra-oral use. Never force syringe plungers as this could result in the tip blowing off and an uncontrolled discharge of material. If there is resistance to flow, replace with a fresh tip and test again.
6. Remember that any strong acid such as phosphoric acid can burn and irritate tissues. Be careful not to splash into eyes, onto mucous membranes, skin or any other area. Confine to areas being etched only. Any other area of exposure should be immediately rinsed thoroughly with water.
7. PrimaDry is flammable. Handle with care.
8. Following evaporation of PrimaDry, a slight residue will remain. This will re-dissolve should more PrimaDry be applied. To prevent drying of volatile materials such as PrimaDry, a TipSoc can be applied.
9. Any resin can be sensitizing to the patient. Do not use on patients with known sensitivity/allergy to resins. Wash exposed area completely to remove material. If dermatitis, rash or any other allergic reaction is observed, consult a physician.

¹ Lee, J., "Microleakage of New Light-Cured Sealants," Practical Periodontics and Aesthetic Dentistry, Supplement No. 1, pp. 19-23, June/July 1995.

² Gene L. Dickinson, D.D.S., M.S., "Microleakage Evaluation of UltraSeal XT Pit and Fissure Sealant with PrimaDry Drying Agent," Medical College of Georgia, December 8, 1992. Available upon request.

³ Studies (two examples below) and clinical experience show that quality of light varies from manufacturer to manufacturer.

Important: Effectiveness of light and light conducting fibers, tubes, etc., decreases as unit ages. Light cure units should be checked to be sure that maximum light is being delivered for proper curing. Lower intensity lights may require additional curing time. Check with a curing radiometer.

A. Dugan, William T. and Hartleb, John H. "Influence of a Glutaraldehyde Disinfecting Solution On Curing Light Effectiveness." General Dentistry 37: 40-43, 1989.

B. Clinical Research Associates Newsletter, 12: 3, February, 1988.

UltraSeal XT[®] plus[™]

Fissure sealant and flowable composite



DE-Fissurenversiegler & fließfähiges Composite
FR-Scellement de fissure et composite fluide
NL-Fissuursealend vloeibaar composietmateriaal
IT-Sigillante per solchi e composito scorrevole
ES-Sellador de fisuras y composite fluido
PT-Selante de fissuras e composto dispersável
SV-Spricktätningsmedel med flytande sammansättning
DA-Fissurforsøgning og komposit, der kan flyde
FI-Fissuuroiden pinnoite ja valuva yhdistelmämuovi
EL-Υλικό έμφραξης σχισμών και υλικό αποκαταστάσεων υψηλής ρευστότητας

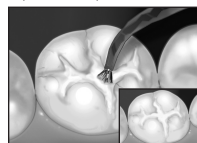
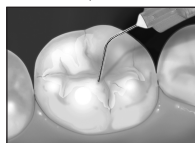
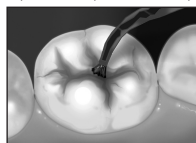
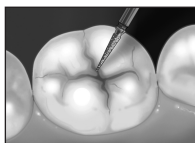
RU-Пломбировочный и текучий композит для фиссур
PL-Lak do bruzd i szczelin- płynny kompozyt
TK-Çatlak dolgu malzemesi ve akışkan kompozit
AR- كومبوزيت سيال وساد للميازيب
KR-균열 실란트 및 유체 복합재료
CH-齒溝隙封閉劑和流動性複合材料
TH-วัสดุเคลือบหลุมร่องฟันและคอมโพสิตชนิดเหลว
JA-フィッシャー・シーラントおよびフロアブル・コンポジット



Inspiral[®] Brush Tip Blue Micro[®] Tip

Blue Micro[®] Tip

Inspiral[®] Brush Tip



EN Freshen enamel using Fissure Prep Bur, air abrasion, etc.

Ultra-Etch[®] 15 seconds.
Air/water wash 5 seconds. Air dry.

PrimaDry[®] 5 seconds; gently air dry. Significantly enhances seal!

Work UltraSeal XT plus into surface. Light cure 20 seconds.

DE Schmelz anrauen, durch Diamantfinier, Mikro-Sandstrahl o. ä.

Ultra-Etch applizieren, 15 Sek. einwirken lassen; 5 Sek. mit Spray abspülen. Mit Luftbläser trocknen.

PrimaDry 5 Sek. lang einbürsten, sanft mit Luft verblasen. Dies verstärkt wesentlich die Haftung!

UltraSeal XT plus in die Oberfläche einarbeiten. 20 Sek. lichterhärten.

FR Rafrâchir l'émail avec une fraise de préparation de fissure, une abrasion à l'air, etc.

Appliquer Ultra-Etch pendant 15 secondes. Laver à l'eau/air pendant 5 secondes. Sécher à l'air.

Appliquer PrimaDry 5 secondes ; sécher délicatement à l'air. Améliore significativement le scellement !

Travailler UltraSeal XT sur la surface. Photopolymériser pendant 20 secondes.

NL	Glazuur opruwen met Fissure prep boor, luchtabrasie, e.d.	Gedurende 15 seconden met Ultra-Etch etsen. Lucht / waterspoeling gedurende 5 seconden. Drogen met lucht.	Gedurende 5 seconden PrimaDry; voorzichtig met lucht drogen. Verbeterd de afdichting duidelijk!	UltraSeal XT grondig op het oppervlak aanbrengen en inwerken. Gedurende 20 seconden met licht polymeriseren.
IT	Ripassare lo smalto con la diamantata Fissure Prep Bur, la sabbietura, ecc.	Ultra-Etch 15 secondi. Sciacquo aria/acqua 5 secondi. Asciugatura con aria.	PrimaDry 5 secondi; asciugatura delicata con aria. Migliora considerevolmente il sigillo!	Applicazione UltraSeal XT plus sulla superficie. Fotopolimerizzazione 20 secondi.
ES	Prepare el esmalte usando la fresa Fissure Prep, aire abrasivo, etc.	Aplicar Ultra-Etch durante 15 segundos. Lavar con aire/agua durante 5 segundos Secar con aire.	Aplicar PrimaDry durante 5 segundos; secar con aire suavemente. ¡Mejora el sellado notablemente!	Aplicar UltraSeal XT plus en la superficie. Curar con luz durante 20 segundos.
PT	Refrescar o esmalte com Fissure Prep Bur (buril de preparação de fissuras), abrasão por ar, etc.	Aplique Ultra-Etch durante 15 segundos. Limpe com ar/água durante 5 segundos. Seque com ar.	Aplique PrimaDry durante 5 segundos; seque suavemente com ar. Intensifica significativamente a selagem!	Aplique UltraSeal XT plus na superfície. Fotopolimerize durante 20 segundos.
SV	Fräscha upp emalj med Fissure Prep Bur, luftblåstring mm.	Ultra-Etch under 15 sekunder. Tvätta i luft/vatten under 5 sekunder. Låt lufttorka.	PrimaDry under 5 sekunder; lufttorka varsamt. Förbättrar tätningen avsevärt!	Arbeta in UltraSeal XT plus i ytan. Låt härda lätt under 20 sekunder.
DA	Opfrisk emalje vha. fissur prepbor, luftabrasion osv.	Ultra-Etch i 15 sekunder. Skyl med luft/vand i 5 sekunder. Lufttør.	PrimaDry i 5 sekunder; lufttør forsigtigt. Dette forbedrer forseglingen betydeligt!	Bearbejd UltraSeal XT plus ind i overfladen. Lysbehandles i 20 sekunder.
FI	Uudista kiilettä Fissure Prep -terällä, ilmahionnalla jne.	Ultra-Etch 15 sekuntia. Ilma/vesipesu 5 sekuntia. Ilmakuiva.	PrimaDry 5 sekuntia, kevyt ilmakuivaus. Parantaa tiivyyttä huomattavasti!	Työstä UltraSeal XT plus pintaan. Valokoveta 20 sekuntia.
EL	Φρεσκάρете το σμάλτο με χρήση εκγλυφίδας προετοιμασίας σχισμών, απόξεση με αέρα, κτλ.	Ultra-Etch για 15 δευτερόλεπτα. Πλύντε με αέρα/νερό για 5 δευτερόλεπτα. Στεγνώστε με αέρα.	PrimaDry για 5 δευτερόλεπτα. Στεγνώστε απαλά με αέρα. Ενισχύει σημαντικά την έμφραξη!	Επεξεργαστείτε το UltraSeal XT plus στην επιφάνεια. Φωτοπολυμερίστε για 20 δευτερόλεπτα.

RU	Освежите эмаль с помощью подготовительного бура Fissure Prep Bur, воздушной абразии и т.д.	Ultra-Etch на 15 секунд. Смыть водовоздушным спреем в течение 5 секунд. Высушить воздухом.	PrimaDry на 5 секунд; осторожно подсушите воздухом. Пломбирование значительно улучшается!	Обработайте поверхность UltraSeal XT plus. Отверждайте светом в течение 20 секунд
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PL	Oczyszczyć powierzchnię szklivi używając wiertła Fissure Prep Bur, abrazyj powierzchniowej itp.	Nalożyć wytrawiacz Ultra-Etch na 15 sekund. Spłukiwać sprayem powietrzno-wodnym przez 5 sekund. Osuszyć powietrzem dmuchawki.	PrimaDry to preparat poprawiający siłę wiązania i szczelność laku. PrimaDry nakłada się na 5 sekund, a następnie osusza delikatnie powietrzem dmuchawki.	Nalożyć UltraSeal XT plus. Utwardzać światłem lampy polimerizacyjnej przez 20 sekund.
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TK	Çatlak Hazırlama Matkap Ucu, hava aşındırma vs. gibi yöntemleri kullanarak mineyi yenileyin.	15 saniye boyunca Ultra-Etch. 5 saniye boyunca hava/su ile yıkayın. Hava ile kurutun.	5 saniye PrimaDry; havayla hafifce kurutun. Dolgu malzemesinin performansını önemli ölçüde artırır.	Yüzeye UltraSeal XT plus uygulayın. 20 saniye boyunca ışıkla sertleştirin.
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AR	تزال طبقة سطحية جداً من الميناء بواسطة السنابل أو الإنسمال الهوائي الرملي.	يطبق الحمض لمدة 15 ثانية ثم تغسل المنطقة لمدة 5 ثواني وتجفف بالهواء.	يطبق سائل بر ايماداي لمدة 5 ثواني ثم يجفف بلطف.	يطبق التراسيل فوق الميازيب بصلب ضوئياً لمدة 20 ثانية.
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KR	Fissure Prep Bur, 공기 연마 등을 사용하여 에나멜을 세척하십시오.	Ultra-Etch를 15초간 바르십시오. 공기/물로 5초간 씻어 내십시오. 건조 시키십시오.	PrimaDry를 5초간 바르십시오. 서서히 건조 시키십시오. 밀봉 효과가 매우 강해집니다!	표면에 UltraSeal XT 플러스를 처리하십시오. 20초간 경화하십시오.
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CH	使用 Fissure Prep Bur, 噴砂磨牙等刷新牙釉。	注入 Ultra-Etch 保持 15 秒鐘。用氣/水清洗 5 秒鐘。風干。	注入 PrimaDry 保持 5 秒鐘，逐漸風干。這樣可以大大增加密封性！	將 UltraSeal XT plus 塗到表面。光固化 20 秒
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TH	เคลือบผิวใหม่โดยใช้ Fissure Prep Bur หรือขัดผิวเคลือบฟันด้วย เครื่องมือที่ไขลุม และอื่นๆ	Ultra-Etch 15 วินาที ทำความสะอาดด้วยอากาศหรือน้ำ 5 วินาที เป่าให้แห้ง	PrimaDry 5 วินาที ค่อยๆ เป่าให้แห้ง ซึ่งจะเพิ่มการจับตัวให้ดีขึ้น!	ใช้ UltraSeal XT plus กับพื้นผิว ฉายแสงรักษา 20 วินาที
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JA	フィッシャー・プレッパ・バーやエア・アブレーションで、エナメルを修復します。	Ultra-Etchを15秒間塗布します。エア/ウォーター洗浄を5秒間行い、空気乾燥させます。	PrimaDryを5秒間使用し、軽く空気乾燥することにより、シールを極めて強化することができます。	UltraSeal XTプラスを表面に重ねていき、光硬化を20秒間実施します。
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EN Precautions:

1. For Professional use only.
2. Review instructions, precautions, and MSDS before beginning treatment. Use only as directed.
3. Keep products out of heat/sunlight.
4. Avoid skin exposure to resins.
5. Isolate strong chemicals to area of treatment.
6. Confirm that patient has no known allergies to treatment materials.
7. Test flow of materials from syringe and tip before using intraorally.
8. Never force syringe plungers.

9. Use Ultradent® Syringe Covers and/or clean and disinfect syringes between patients.
10. Use standard curing lights with all light polymerized/activated materials.
11. All tips are disposable.
12. Never attempt to deliver Ultra-Etch or UltraSeal XT plus through the Black Mini Brush tip.
13. PrimaDry is flammable. Handle with care.
14. To prevent drying of volatile materials such as PrimaDry, replace luer lock caps when syringes are not in use or use TipSoc covers.

DE Precautions:

1. Nur für professionellen zahnmedizinischen Gebrauch.
2. Lesen Sie die Gebrauchsinformationen und Warnhinweise sorgfältig, bevor Sie die Behandlung beginnen. Verwenden Sie die Materialien nur gemäß Vorschrift.
3. Schützen Sie die Produkte vor Hitze und direktem Sonnenlicht.
4. Vermeiden Sie Hautkontakt mit Kunststoff-Materialien.
5. Beschränken Sie den Einfluß stark wirkender Agenzien auf das Behandlungsgebiet.
6. Fragen Sie den Patient nach bekannten Allergien auf die zur Behandlung verwendeten Materialien.
7. Prüfen Sie den Fluß des Materials aus der Spritze und durch den Spritzenansatz, bevor Sie intraoral applizieren.

8. Drücken Sie einen Spritzenstempel nie mit Gewalt ein.
9. Verwenden Sie Ultradent-Spritzenhüllen und/oder reinigen und desinfizieren Sie die Spritzen nach jedem Patienten.
10. Verwenden Sie für Materialien, die durch Licht zu polymerisieren bzw. zu aktivieren sind, die üblichen Polymerisationslampen.
11. Alle Ansätze sind für den Einmalgebrauch.
12. Versuchen Sie nie, Ultra-Etch oder UltraSeal XT plus durch einen Black Mini-Bürstenansatz zu pressen.
13. PrimaDry ist brennbar. Mit Vorsicht behandeln.
14. Um das Verdunsten leichtflüchtiger Materialien wie PrimaDry zu vermeiden, verschließen Sie die Spritze mit der Luer Lock-Kappe oder verwenden Sie TipSoc-Hüllen, wenn sie nicht im Gebrauch sind.

FR Précautions générales:

1. Exclusivement réservé à l'usage professionnel.
2. Voir les instructions, les précautions et la notice de sécurité avant le traitement. Utiliser uniquement selon les instructions.
3. Tenir les produits à l'abri de la lumière du soleil et de la chaleur.
4. Eviter le contact des résines avec la peau.
5. Limiter l'application des produits aux seules zones de traitement.
6. S'assurer que le patient ne présente aucune allergie aux produits utilisés lors du traitement.
7. Tester le débit des matériaux à travers les seringues et les embouts d'application avant toute utilisation intra-buccale.
8. Ne jamais forcer sur le piston des seringues.

9. Utiliser les couvre-seringues Ultradent® et/ou nettoyer et désinfecter les seringues après utilisation.
10. Utiliser une lampe à photopolymériser standard avec les matériaux photopolymérisables ou photoactivables.
11. Tous les embouts sont jetables.
12. Ne jamais tenter d'appliquer Ultra-Etch ou UltraSeal XT plus via une pointe Black Mini Brush.
13. PrimaDry est inflammable. Manipuler avec précautions.
14. Pour éviter le séchage des produits volatiles comme PrimaDry, remplacer le bouchon Luer-lock quand les seringues ne sont pas utilisées, ou utiliser des capuchons TipSoc.

NL Algemene voorzorgsmaatregelen:

1. Uitsluitend bestemd voor aflevering aan en toepassing door tandartsen.
2. Raadpleeg gebruiksaanwijzingen en houd rekening met de daarin genoemde aanbevelingen. Gebruik alleen zoals is beschreven.
3. Bewaar de producten koel en donker.
4. Vermijd huidcontact met harsen.
5. Appliceer alleen daar waar nodig.
6. Overtuig u ervan dat de patiënt niet allergisch is voor de toegepaste materialen.
7. Test het functioneren van spuitjes alvorens intra-oraal te gebruiken.
8. Oefen nooit overmatige kracht uit bij de spuitjes.

9. Gebruik Ultradent® Syringe Covers en/of schone spuitjes bij elke patiënt.
10. Gebruik steeds geteste lichtuithardingsapparaten.
11. Alle tips zijn disposabel.
12. Ultra-Etch of Ultra-Seal XT plus nooit met de zwarte Mini Brush tip aan proberen te brengen.
13. PrimaDry is brandbaar. Voorzichtig hanteren.
14. Om uitdroging van vluchtige materialen zoals PrimaDry te voorkomen, luer lock dopjes terugplaatsen als de spuiten niet worden gebruikt of TipSoc afdekkingen gebruiken.

IF Precauzioni Generali:

1. Prodotto riservato all'uso professionale.
2. Prima di iniziare il trattamento vanno esaminate le istruzioni, le precauzioni d'uso ed i moduli per la sicurezza dei prodotti (MSDS). Utilizzare esclusivamente nei modi indicati.
3. Conservare i prodotti al riparo dal calore e dall'esposizione diretta alla luce del sole.
4. Evitare l'esposizione della pelle alle resine.
5. La presenza di prodotti chimici forti deve essere isolata all'area di trattamento.
6. Verificare che il paziente non sia allergico ai prodotti scelti per il trattamento.
7. Prima dell'uso intraorale deve essere verificato il flusso del materiale dalla siringa e dalla punta.
8. Non forzare mai gli stantuffi delle siringhe.
9. Usare le guaine Ultradent® Syringe Covers e/o pulire e disinfettare le siringhe dopo ciascun paziente.
10. Utilizzare lampade polimerizzatrici convenzionali per tutti i materiali fotopolimerizzabili e fotoattivi.
11. Tutte le punte sono monouso.
12. Non provare mai a dispensare Ultra-Etch o UltraSeal XT plus con la punta a pennello Black Mini Brush.
13. PrimaDry è infiammabile. Maneggiare con attenzione.
14. Per prevenire l'evaporazione di materiali volatili quali PrimaDry, quando le siringhe non vengono usate rimetterle i cappucci luer lock o tappi TipSoc.

ES Precauciones Generales:

1. Para uso exclusivo de Profesionales.
2. Antes de empezar el tratamiento, revise las instrucciones, precauciones y el MSDS. Siga las instrucciones.
3. Siempre mantenga los productos alejados del calor y de la luz solar.
4. Evite el contacto de las resinas con la piel.
5. Aisle los químicos fuertes del área de tratamiento.
6. Asegúrese que el paciente no es alérgico a los materiales.
7. Antes de usar en la boca, verifique que los materiales fluyan de la jeringa y la punta.
8. Nunca empuje con fuerza el émbolo.
9. Use las cubiertas para jeringas de Ultradent® y/o limpie y desinfecte las jeringas entre pacientes.
10. Utilice luces de fotocurado corrientes con todos los materiales activados/polimerizados con luz.
11. Todas las puntas son desechables.
12. No intentar nunca aplicar Ultra-Etch o UltraSeal XT plus mediante la punta Black Mini Brush.
13. PrimaDry es inflamable. Manéjese con cuidado.
14. Para evitar que se sequen los materiales volátiles como el PrimaDry, coloque los tapones con cierre luer cuando no use las jeringas o use las tapas TipSoc.

PT Precações gerais:

1. Somente para uso profissional.
2. Ler instruções, precauções e MSDS antes de começar o tratamento. Utilizar só como indicado.
3. Manter os produtos longe do calor e da luz solar directa.
4. Evitar contacto com a pele.
5. Aplicar substâncias químicas fortes só na área de tratamento.
6. Confirmar se os pacientes não tem alergias aos materiais utilizados.
7. Testar o escoamento dos materiais através da seringa e ponta antes da aplicação intraoral.
8. Nunca forçar os êmbolos da seringa.
9. Utilizar protectores de seringa Ultradent e/ou desinfectar seringas entre cada tratamento.
10. Utilizar luzes de polimerização standard com todos os materiais fotopolimerizáveis.
11. As pontas são todas descartáveis.
12. Nunca administre Ultra-Etch ou UltraSeal XT plus através da ponta Black Mini Brush.
13. O PrimaDry é inflamável. Manuseie com cuidado.
14. Para evitar a secagem de materiais voláteis, nomeadamente o PrimaDry, volte a colocar as tampas Luer Lock quando não estiver a utilizar as seringas ou utilize tampas TipSoc.

SV Generella försiktighetsåtgärder:

1. Enbart för professionellt bruk.
2. Läs bruksanvisningar, försiktighetsåtgärder och varuinformationsblad innan behandling påbörjas. Använd endast enligt anvisning.
3. Håll produkten borta från värme och solljus.
4. Undvik hudkontakt med resin.
5. Håll behandlingsområdet isolerat från starka kemikalier.
6. Kontrollera att patienten inte är allergisk mot behandlingsmaterial.
7. Testa att materialet flyter fritt ur sprutans spets innan användning intraoralt.
8. Tvinga ej med "vård" eller hårt tryck pistongen i sprutan.
9. Använd Ultradent® sprutskydd och/eller rengör sprutor mellan patienter.
10. Använd vanlig ljusthårdningslampa till alla ljusaktiverade polymeriseringsmaterial.
11. Alla spetsar är avsedda för engångsbruk.
12. Försök aldrig applicera Ultra-Etch eller UltraSeal XT plus genom Black Mini Brush-spetsen.
13. PrimaDry är brandfarligt. Hanteras försiktigt.
14. För att undvika att flyktiga material som PrimaDry torkar, måste man sätta tillbaka luer-förlutningarna när injektionssprutorna inte används, eller använda TipSoc-förlutningar.

DA Generelle forholdsgregler:

1. Kun til professionelt brug.
2. Læs vejledningen, forholdsgreglerne og sikkerhedsdatabladet før behandlingsstart. Bør kun anvendes som foreskrevet.
3. Udsæt ikke produktet for varme og sollys.
4. Undgå hudkontakt med resiner.
5. Isolér stærke kemikalier til behandlingsområdet.
6. Få bekræftet at patienten ikke har kendte allergier mod de produkter, der anvendes ved behandlingen.
7. Check at materialet flyder frit fra sprøjte og spids før brug intraoralt.
8. Undlad at bruge voldsom kraft til at tvinge et stempel i funktion. Hvis stemplet ikke glider uhindret bør årsagen udredes først.

FI Yleiset ohjeet:

1. Vain ammatikäyttöön.
2. Tutustu käyttöohjeisiin, suojaustoimenpiteisiin ja käyttöturvallisuustiedotteeseen ennen toimenpiteen aloittamista. Käytä ainaoastan ohjeiden mukaisesti.
3. Säilytä tuote lämmöllä ja auringonvalolta suojattuna.
4. Vältä ihokoskusta resiniin kanssa.
5. Eristä käsiteltävä alue vahvoista kemikaaleista.
6. Varmista, että potilaalla ei ole todettuja allergioita hoitotoimenpiteessä käytettävälle aineille.
7. Testaa materiaalin juoksevuus ruiskusta ja kärjestä ennen materiaalin käyttöä intraoraalisesti.

9. Brug Ultradent Sprøjteposer og/eller rengør og desinficér sprøjterne efter hver patient.
10. Brug almindelig polymeriseringslampe til alle lyshærdende materialer.
11. Alle spidser er til engangsbrug.
12. Forsøg aldrig at tilføre Ultra-Etch eller UltraSeal XT plus gennem den sorte mini børstespids.
13. PrimaDry er brandfarligt. Håndteres med forsigtighed.
14. For at forhindre udtørring af flygtige materialer, såsom PrimaDry, sættes luerlåsætterne på igen, når sprøjterne ikke er i anvendelse; alternativt anvendes TipSoc-dæksler.

EL ΓΕΝΙΚΕΣ ΠΡΟΦΥΛΑΞΕΙΣ:

1. Για επαγγελματική χρήση μόνο.
2. Διαβάστε τις οδηγίες, προφυλάξεις και MSDS πριν ξεκινήσετε τη θεραπεία. Να χρησιμοποιείτε πάντοτε σύμφωνα με τις οδηγίες.
3. Φυλάξτε τα προϊόντα από την έκθεση τους στο ηλιακό φως ή σε θερμότητα.
4. Αποφύγετε την επαφή της ρητίνης με το δέρμα.
5. Περιορίστε την επαφή των ισχυρών χημικών μόνο στην περιοχή της θεραπείας.
6. Να επιβεβαιώσετε ότι ο ασθενής δεν έχει καμία γνωστή αλλεργική αντίδραση στα υλικά της θεραπείας.
7. Να δοκιμάσετε τη ροή των υλικών από τη σύριγγα και το ρύγχος πριν τα χρησιμοποιήσετε ενδοστοματικά.

8. Μην πιέζετε ποτέ με δύναμη το έμβολο της σύριγγας.
9. Να χρησιμοποιείτε τα προστατευτικά καλύμματα συριγγών της Ultradent και να καθαρίζετε και να απολυμαίνετε τις σύριγγες μεταξύ των ασθενών.
10. Να χρησιμοποιείτε μια κοινή συσκευή φωτοπολυμερισμού για όλα τα φωτοπολυμεριζόμενα / φωτοεργοποιοιζόμενα υλικά.
11. Όλες οι μύτες είναι αναλώσιμες.
12. Μην επιχειρήσετε ποτέ να διαβήσετε Ultra-Etch ή UltraSeal XT plus μέσω της μύτες μαύρης μίνι βούρτσας.
13. Το PrimaDry είναι εύφλεκτο. Χειριστείτε με προσοχή.
14. Για να αποφύγετε την ξήρανση των πτητικών υλικών, όπως το PrimaDry, τοποθετήστε ξανά τα καπάκια luer lock όταν δεν χρησιμοποιείτε τις σύριγγες ή χρησιμοποιήστε καλύμματα TipSoc.

RU Общие меры предосторожности:

1. Только для применения специалистом.
2. Перед применением ознакомиться с инструкцией, мерами предосторожности и паспортом безопасности вещества. Применять строго по назначению.
3. Беречь от тепла и прямого солнечного света.
4. Избегать попадания смол на кожу.
5. Применять сильные химические вещества строго локально.
6. Убедиться в том, что у пациента в анамнезе нет аллергии к применяемым материалам.
7. Перед применением в полости рта проверить, выходит ли материал из шприца и наконечника.
8. Не прилагать излишнее усилие к поршню шприца.

9. Применять чехлы шприцов Ultradent и/или чистите и дезинфицируйте шприцы перед употреблением на другом пациенте.
10. Применять стандартные источники света для всех светоотверждаемых/активируемых материалов.
11. Имеются в наличии все наконечники.
12. Никогда не пытайтесь нанести Ultra-Etch или UltraSeal XT plus с помощью наконечника Black Mini Brush.
13. PrimaDry является легковоспламеняющимся. Обращайтесь с ним осторожно.
14. Для предотвращения высыхания легкоиспаряющихся материалов, таких как PrimaDry, верните на места закрывающие колпачки, когда шприцы не используются, или же воспользуйтесь футлярами TipSoc.

PL Ogólne środki ostrożności:

1. Preparat wyłącznie do profesjonalnych zastosowań.
2. Przed rozpoczęciem leczenia należy zapoznać się z instrukcjami, środkami ostrożności oraz kartą charakterystyki bezpieczeństwa materiału. Stosować dokładnie według instrukcji.
3. Materiały należy przechowywać z dala od źródeł ciepła i promieni słonecznych.
4. Unikać wystawiania skóry na działanie żywic.
5. Ograniczyć stosowanie silnych związków chemicznych do leczzonego obszaru.
6. Potwierdzić, czy u pacjenta nie występuje znane uczulenie na materiały stosowane w leczeniu.
7. Przed użyciem w obrębie jamy ustnej, sprawdzić wypływ materiałów ze strzykawki i aplikatora (końcówki).

TK Genel Öneriler:

1. Yalnızca profesyonel kullanım içindir.
2. Tedaviye başlamadan önce talimatları, önerileri ve MSDS (Malzeme Güvenlik) bilgilerini gözden geçirin. Yalnızca belirtildiği gibi kullanın.
3. Ürünleri sıcağın/gün ışığının uzaktaki muhafaza edin.
4. Reçinelerin deri ile temasından kaçının.
5. Tedavi bölgesinden güçlü kimyasal maddeleri uzak tutun.
6. Tedaviye kullanılan maddelere karşı hastanın bilinen herhangi bir alerjisi olmadığının onaylatın
7. Şırıngadan maddenin akıp akmadığını test edin ve ağızdan vermeden önce yana eğin.

AR

- 8- تجنب دفع مدك المحققة بقوة.
- 9- استعمل واقية المحققة منعاً للتلوث.
- 10- استعمل أجهزة التنظيف الصواني العائدة لشركة التزاندت.
- 11- جميع رؤوس المحاقن تستعمل مرة واحدة فقط.
- 12- لا تحاول استعمال الرؤوس السوداء الدقيقة ذات الفرشاة.
- 13- مادة بريامدري قابلة للاشتعال.
- 14- لا تترك محاقن المواد مفتوحة حتى لا يتبخر محتواها.

KR 일반적인 주의사항

1. 전문가만 취급해야 합니다.
2. 처리를 시작하기 전에 지시사항, 주의사항 및 MSDS를 읽으십시오. 지시에 따라 사용하십시오.
3. 열/적외광선을 피하여 보관하십시오.
4. 수지가 피부에 직접 닿지 않도록 하십시오.
5. 치료 부위에만 강한 화학물질이 닿도록 하십시오.
6. 환자가 치료제에 대한 알레르기가 없는지 확인하십시오.
7. 환자와 바늘을 루어에 사용하기 전에 약물 흐름을 시험하십시오.
8. 주사가 플러저에 무리한 힘을 가하지 마십시오.

8. Nigdy nie wywierać nadmiernej siły na tłok strzykawki.
9. Używać foliowych pokrowców na strzykawkę UltraDent Syringe Covers lub czyścić oraz dezynfekować strzykawkę przed użyciem u następnego pacjenta.
10. Do polimeryzacji lub aktywowania materiałów światłoutwardzalnych lub aktywowanych światłem należy stosować standardowe lampy polimeryzacyjne używane w stomatologii.
11. Wszystkie aplikatory (końcówki) są jednorazowe.
12. Nie wolno stosować aplikatora (końcówki) Black Mini Brush tip (czarna z delikatnym pędzelkiem) do aplikacji Ultra-Etch i UltraSeal XT plus.
13. Preparat PrimaDry jest łatwopalny. Należy zachować ostrożność.
14. Aby zapobiec wysychaniu łatwo parujących preparatów takich jak PrimaDry, należy gdy nie są używane zawsze zabezpieczać strzykawkę zakrętką lub zakładać na aplikatory pokrowce TipSoc.

8. Şırınga pistonunu asla zorlamayın.
9. UltraDent Syringe Covers'ı kullanın ve/veya hastalarda kullanmadan önce şırıngaları dezenfekte edin.
10. Tüm ışıkla polimerize/aktif eden maddelerle çalışırken standart sertleştirici işik kullanın.
11. Tüm uçlar kullan-at tipindedir.
12. Ultra-Etch ya da UltraSeal XT plus'ı Siyah Mini Fırça uçla uygulamayı asla denemeyin.
13. PrimaDry'yı yancıcıdır. Dikkatlice kullanın.
14. PrimaDry gibi uçucu malzemelerin kurumasını önlemek için, şırıngayı kullanmıyorken luer kilidi kapaklarını takın ya da TipSoc kapakları kullanın.

المحاذير

- 1- للاستعمال الطبي فقط.
- 2- راجع التعليمات جيدا قبل الاستعمال.
- 3- لا تعرض المادة للضوء أو الحرارة.
- 4- تجنب ملامسة الجلد.
- 5- ضعها دائما في ساحة الاستعمال.
- 6- تأكد أن المريض لا يتحسس من المادة.
- 7- اختبر جودة سيلان المادة في رأس المحققة قبل وضعها في الفم.

KR

9. UltraDent® Syringe Cover를 사용하고, 사용한 주사기는 다른 환자에 사용하기 전에 세척하고 소독하십시오.
10. 모든 광중합/활성화 물질에는 경화용 표준 광원을 사용하십시오.
11. 모든 팁은 일회용품입니다.
12. Black Mini Brush 팁을 통해 Ultra-Etch 또는 UltraSeal XT 플러스를 바르지 마십시오.
13. PrimaDry는 인화성이 강합니다. 취급시 주의하십시오.
14. PrimaDry와 같은 폭발성 인화 물질이 건조하지 않도록, 시린지를 사용하지 않을 때는 루어 잠금 캡을 달아 놓거나 TipSoc 커버를 사용하십시오.

CH 一般注意事項:

1. 僅供專業人士使用。
2. 治療前請先詳閱說明、注意事項及使用手冊。按規定使用。
3. 請避免置於光照或高溫處。
4. 避免皮膚接觸到樹脂。
5. 這些化學物質僅可在治療部位使用。
6. 先確認病患對即將使用的材料不會過敏。
7. 在口內使用之前，請先測試注射針筒及針頭內的材料是否有流動性。
8. 不可用力推針筒。
9. 使用 Ultradent 針筒要注意在兩個病患間必須消毒或清潔。
10. 對所有的聚合性材料(或活化性材料)使用標準的齒素燈。
11. 所有刷頭均是可丟棄式設計。
12. 切勿嘗試透過黑色迷你刷頭注入 Ultra-Etch 或 UltraSeal XT plus。
13. PrimaDry 是易燃物。使用時請小心。
14. 為避免揮發性物質(例如 PrimaDry)揮發，請在未使用針筒時替換螺絲鎖蓋或使用 TipSoc 蓋。

TH ข้อควรระวังทั่วไป:

1. สำหรับมืออาชีพใช้เท่านั้น
2. อ่านคำแนะนำ ข้อควรระวัง และ MSDS ก่อนที่จะเริ่มการรักษา ใช้ตามวิธีการที่ระบุเท่านั้น
3. เก็บผลิตภัณฑ์ให้ห่างจากความร้อนหรือแสงแดด
4. หลีกเลี่ยงไม่ให้ผิวหนังสัมผัสกับเรซิน
5. แยกสารเคมีเข้มนอกจากพื้นที่รักษาผู้ป่วย
6. ตรวจสอบว่าผู้ป่วยไม่มีอาการแพ้สารที่ใช้ในการรักษา
7. ทดสอบการไหลของสารจากเข็มฉีดยา และเขี่ยาก่อนใช้ภายในปาก
8. อย่ากดที่ฉีดยาเข็มฉีดยา
9. ใช้ผ้าครอบตัวฉีด Ultradent® และ/หรือ ทำความสะอาด และฆ่าเชื้อเข็มฉีดยาเมื่อใช้ในคนไข้แต่ละราย
10. ใช้การบำบัดขั้นต้นตามมาตรฐานกับสาร โพลีเมอร์/แอ็กทีเวต เจือจาง
11. ส่วนปลายทั้งหมดเป็นแบบใช้แล้วทิ้ง
12. อายพายามสง Ultra-Etch หรือ UltraSeal XT plus ผ่านทางปลาย Black Mini Brush
13. PrimaDry ติดไฟได้ง่าย โปรดใช้งานด้วยความระมัดระวัง
14. หากต้องการป้องกันไม่ให้วัสดุระเหยได้ เช่น PrimaDry ระเหยจนแห้ง ให้เปลี่ยนใช้ฝาปิดลิ้นกแบบเกลียว เมื่อไม่ใช้หลอดฉีดยา หรือใช้ฝาปิด TipSoc

JA 一般的注意:

1. 歯科医療従事者用限定機器。
2. 施術を始める前に、取扱説明書、使用上の注意、およびMSDSをよく読みください。指示されている以外の用途には使用できません。
3. 高温/直射日光を避けてください。
4. 皮膚が樹脂に直接触れないようにしてください。
5. 治療面が、強力な化学薬品に触れないようにしてください。
6. 治療用材料に対し、患者に既知のアレルギーがないことを確認してください。
7. 口腔内に使用する前に、シリンジとチップから材料がフローすることを試験してください。
8. シリンジ・プランジャーに力を加えないでください。
9. Ultradent® シリンジカバーを使用するか、あるいは各患者毎にシリンジを洗浄・滅菌してください。
10. すべての光重合/活性化材料に標準樹脂硬化用ライトを使用してください。
11. チップは全て使い捨てです。
12. Ultra-EtchまたはUltraSeal XTプラスを塗布する際は、Black Mini Brushチップを使用しないでください。
13. PrimaDryは可燃性です。取扱には十分注意してください。
14. PrimaDryなど揮発性材料の乾燥を防ぐために、シリンジを使用しないときはルーアローックのキャップを戻すか、またはTipSocカバーをはめてください。

EN-Key:	IT-Legenda:	FI-Merkkien selitykset:	AR-المفتاح:
DE-Legende:	ES-Clave:	EL-Κλειδί:	KR-중요:
FR-Explication :	PT-Legenda:	RU-Ключ:	CH-主要注意事項:
NL-Erklärung der	SV-Teckenförklaring:	PL-Legenda:	TH-คำเตือน:
Packungssymbole:	DA-Tegnforklaring:	TK-Anahtar:	JA-重要:



EN-Irritant
DE-Irritierend
FR-Irritant
NL-Irriterend
IT-Irritante
ES-Irritante
PT-Irritante
SV-Irriterande
DA-Lokalirriterende
FI-Arsyttävä

EL-Ερεθιστικό
RU-Обладает раздражающим действием
PL-Środek drażniący
TK-Tahrış edici
AR-مُهيج

KR-자극성 제품
CH-刺激物
TH-สารระคายเคือง
JA-刺激性



EN-Keep out of reach of children.
DE-Außerhalb der Reichweite von Kindern aufbewahren.
FR-Tenir hors de portée des enfants.
NL-Buiten bereik van kinderen houden.
IT-Tenere fuori dalla portata dei bambini.

ES-Manténgase fuera del alcance de los niños.
PT-Manter fora do alcance das crianças.
SV-Förvaras utom räckhåll för barn.
DA-Opbevares utilgængelig for børn.
FI-Pidettävä poissa lasten ulottuvilta.
EL-Φυλάξτε μακριά τα παιδιά.
RU-Хранить в месте, недоступном детям.
PL-Przechowywać w miejscu niedostępnym dla dzieci.
TK-Çocuklardan uzak tutun.
AR-يحفظ بعيداً عن متناول الأطفال.
KR-어린이 손이 닿지 않는 곳에 보관하십시오.
CH-放置在遠離兒童之處。
TH-เก็บให้ห่างจากเด็ก
JA-小児の手が届く所に置かないでください



EN-Recommended storage temperature.
DE-Empfohlene Lager-Temperatur.
FR-Température de stockage recommandée.
NL-Aanbevolen bewaarstemperatuur.
IT-Temperatura di stoccaggio consigliata.
ES-Temperatura Recomendada Para Almacenamiento.
PT-Temperatura de armazenagem aconselhada.
SV-Rekommenderad Förvarings Temperatur.
DA-Anbefalet Opbevaringstemperatur.
FI-Suosittu säilytyslämpötila.
EL-Συνιστώμενη θερμοκρασία αποθήκευσης
RU-Рекомендуемая температура хранения.
PL-Zalecana temperatura przechowywania.
TK-Önerilen saklama sıcaklığı.
AR-درجة حرارة غرفة التخزين الموصى بها
KR-권장 온도에서 보관하십시오.
CH-建議儲存溫度。
TH-อุณหภูมิที่แนะนำ
JA-推奨保管温度

EN-Dentist Dispensed.
DE-Vom Zahnarzt abzugeben.
FR-Distribué par le chirurgien dentiste.
NL-Door de tandarts verstrekt.
IT-Prescritto dal dentista.
ES-Administrado por el Dentista.
PT-Administrado pelo dentista.
SV-Appliceras av tandläkare.
DA-Administreret af tandlæge.
FI-Hammaslääkärin käyttöön.
EL-Διανέμεται από τον οδοντίατρο.
RU-Для применения в стоматологии.
PL-Wydaje się z przepiszu dentysty.
TK-Dışışi tarafından dağıtılır.
AR-يستعمل من قبل طبيب الأسنان.
KR-치과에서만 사용할 수 있습니다.
CH-由牙科醫師開具處方。
TH-จ่ายยาโดยทันตแพทย์
JA-歯科医調剤用

EN-Destroy after use.
DE-Nach Gebrauch vernichten.
FR-Détruire après utilisation.
NL-Na gebruik vernietigen.
IT-Distruggere dopo l'uso.
ES-Destrúyalo después de usarlo.
PT-Destruir após usar.
SV-Förstöras efter användning.
DA-Destrøer efter brug.
FI-Hävittä käytön jälkeen.
EL-Καταστρέψτε το μετά τη χρήση.
RU-После использования уничтожить.
PL-Po użyciu zniszczyć.
TK-Kullandiktan sonra imha edin.
AR-يُتلف بعد استعمال
KR-사용 후 폐기하십시오.
CH-用後銷毀。
TH-ทำลายหลังจากใช้
JA-使用後は破棄してください

EN-Not for injection.
DE-Nicht zur Injektion.
FR-Nie pas injecter.
NL-Niet injecteren.
IT-Non per iniezione.
ES-No debe inyectarse.
PT-Não injectar.
SV-Ej för injektion.
DA-Ikke til injektion.
FI-Ei injektokäyttöön.
EL-Μη ενέσω.
RU-Не для инъекций.
PL-Nie nadaje się do iniekcji.
TK-Enjekte edilme için kullanılmaz.
AR-لا يستعمل حقنًا
KR-주입하지 마십시오.
CH-非供注射之用。
TH-ไม่ใช้สำหรับการฉีด
JA-非注射用

ULTRADENT PRODUCTS, INC. **MATERIAL SAFETY DATA SHEET**

Controlled Product Yes ☐ No ☒

SECTION I - IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY/ UNDERTAKING

Material Name UltraSeal XT [®] plus [™]	Manufactured by Ultradent Products, Inc. 505 West 10200 South South Jordan, Utah 84095 USA
Material Use Pit and Fissure Sealant and Flowable Composite.	Emergency Contact 1-800-552-5512 or 1-801-572-4200 (Outside USA)
Date August 29, 1997	EC Representative
Prepared by: Steve Jensen, Chemist	

SECTION II - COMPOSITION/ INFORMATION ON INGREDIENTS

Active Ingredients	Approximate Concentration %	LD ₅₀ /LC ₅₀ Specify Species and Route	C.A.S. N.A. or U.N. Numbers
Bis-GMA	proprietary	Not established	1565-94-2

SECTION III - HAZARDS IDENTIFICATION

Adverse Human Effects and Symptoms May cause sensitization.

SECTION IV - FIRST AID MEASURES

Inhalation N/A	Eye Contact Flush with lots of water. Call a physician if needed.
Skin Contact Wash with soap and water.	Ingestion In large amounts, induce vomiting.

SECTION V - FIRE-FIGHTING MEASURES

Flammability If Yes, Under Which Conditions: Avoid contact with open flame.
Yes ☒ No ☐

Means of Extinction CO₂, dry chemical.

Protective Equipment for Firefighters Standard.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal & Environmental Precautions None.

SECTION VII - HANDLING AND STORAGE

Methods for Cleaning Wipe up as much as possible with dry cloth.
Clean remainder with alcohol.

Handling Precautions None.

Storage Requirements Refrigerate when not in use.

SECTION VIII - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory Protection N/A	Eye Protection Protective eyewear.
Hand Protection Latex gloves.	Skin Protection Lab coat.

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Appearance Tinted liquid.	Solubility in Water Insoluble.	Melting Point/Range N/A
Odor Slight acrylic odor.	pH N/A	Other Data None.

SECTION X - STABILITY AND REACTIVITY

Chemical Stability Conditions and Materials to Avoid Light exposure will initiate polymerization.

Hazardous Decomposition Products CO₂

SECTION XI - TOXICOLOGICAL INFORMATION

Route of Entry ☒ Skin Contact ☒ Skin Absorption ☒ Eye Contact ☐ Inhalation Acute ☐ Inhalation Chronic ☐ Ingestion
Effects and Symptoms Skin: Slight irritation. Eye: Slight irritation.
Chronic Effects and Symptoms of Long-Term Exposure Skin: Low possibility of sensitization upon prolonged exposure. Eye: Slight irritation.
Sensitization Slight possibility.

Irritation of Product Slight.

SECTION XII - ECOLOGICAL INFORMATION

Biodegradability N/A

SECTION XIII - DISPOSAL CONSIDERATIONS

Method of Waste Disposal

Further Details None.

In accordance with government regulations.

SECTION XIV - TRANSPORT INFORMATION

Not regulated.

SECTION XV - REGULATORY INFORMATION

Not defined.

SECTION XVI - OTHER INFORMATION

FOR DENTAL USE ONLY. Use as directed.

The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, Ultradent Products, Inc., makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

ULTRADENT PRODUCTS, INC. **MATERIAL SAFETY DATA SHEET**

Controlled Product Yes ☐ No ☒

SECTION I - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Material Name	Ultra-Etch®	Manufactured by	Ultradent Products, Inc. 505 West 10200 South South Jordan, Utah 84095 USA
Material Use	Etching of tooth enamel and dentin.	Emergency Contact	1-800-552-5512 or 1-801-572-4200 (Outside USA)
Date	June 10, 1997	EC Representative	
Prepared by:	Steve Jensen, Chemist		

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredients	Approximate Concentration %	LD ₅₀ /LC ₅₀ Specify Species and Route	C.A.S. N.A. or U.N. Numbers
Phosphoric Acid	35%	LD ₅₀ 1530 mg/kg Oral – Rat	7664-38-2

SECTION III - HAZARDS IDENTIFICATION

Adverse Human Effects and Symptoms Irritates eyes and skin.

SECTION IV - FIRST AID MEASURES

Inhalation	N/A	Eye Contact	Flush immediately with water. Get medical attention.
Skin Contact	Flush with water.	Ingestion	Do not induce vomiting. Give large amounts of water or milk. Take an antacid. Call a physician.

SECTION V - FIRE-FIGHTING MEASURES

Flammability If Yes, Under
Yes ☐ No ☒ Which Conditions:

Means of Extinction N/A

Protective Equipment for Firefighters N/A

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal & Environmental Avoid contact with skin, eyes, and clothing. Prevent contamination of soil, drains, etc.

SECTION VII - HANDLING AND STORAGE

Methods for Cleaning Clean up with wet reg. Neutralize with baking soda.

Handling Precautions Use gloves and protective eyewear.

Storage Requirements Store at room temperature.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection N/A

Eye Protection Protective eyewear.

Hand Protection Latex gloves.

Skin Protection Lab coat.

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Appearance Blue gel (Ultra-Etch); Light blue gel (Ultra-Etch AB)

Solubility in Water Partial. Melting Point/Range Not defined.

Odor Odorless. pH < 2

Other Data

SECTION X - STABILITY AND REACTIVITY

Chemical Stability Conditions and
Yes ☒ No ☐ Materials to Avoid

Hazardous Decomposition Products Oxides of phosphorus.

SECTION XI - TOXICOLOGICAL INFORMATION

Route of Entry ☒ Skin Contact ☐ Skin Absorption ☒ Eye Contact ☐ Inhalation Acute ☐ Inhalation Chronic ☒ Ingestion

Effects and Symptoms of Short-Term Exposure Skin: May cause irritation. Eyes: Severe irritation. Ingestion: Possible irritation.

Chronic Effects and Symptoms of Long-Term Exposure Skin: Mild irritation. Eyes: Damage (chronic exposure must be avoided). Ingestion: Irritation

Sensitization N/A

Irritation of Product Mild.

SECTION XII - ECOLOGICAL INFORMATION

Biodegradability Not defined.

SECTION XIII - DISPOSAL CONSIDERATIONS

Method of Waste Disposal In accordance with governmental regulations.

Further Details N/A

SECTION XIV - TRANSPORT INFORMATION

No limitations.

SECTION XV - REGULATORY INFORMATION

Not defined.

SECTION XVI - OTHER INFORMATION

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ULTRADENT PRODUCTS, INC. **MATERIAL SAFETY DATA SHEET**

Controlled Product Yes ☐ No ☒

SECTION I - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Material Name	PrimaDry®	Manufactured by	Ultradent Products, Inc. 505 West 10200 South South Jordan, Utah 84095 USA
Material Use	Drying and Priming Agent.	Emergency Contact	1-800-552-5512 or 1-801-572-4200 (Outside USA)
Date	September 2, 1997	EC Representative	
Prepared by:	Steve Jensen, Chemist		

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredients	Approximate Concentration %	LD ₅₀ /LC ₅₀ Specify Species and Route	C.A.S. N.A. or U.N. Numbers
Ethyl Alcohol	99%	LD ₅₀ 7500mg/kg Oral - Mouse LC ₅₀ 39g/m 3/4H Inhalation - Mouse (no toxic effect noted)	64-17-5

SECTION III - HAZARDS IDENTIFICATION

Adverse Human Effects and Symptoms Ethanol ingested in large volumes can be toxic.

SECTION IV - FIRST AID MEASURES

Inhalation	N/A	Eye Contact	Flush with lots of water.
Skin Contact	Wash with soap and water.	Ingestion	Give large amounts of water or milk.

SECTION V - FIRE-FIGHTING MEASURES

Flammability If Yes, Under Which Conditions: Exposure to spark, flame, or heat.
Yes ☒ No ☐

Means of Extinction Dry chemical, CO₂, water spray.

Protective Equipment for Firefighters Standard protection.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal & Environmental Precautions Not defined.

SECTION VII - HANDLING AND STORAGE

Methods for Cleaning Wipe up with paper towel or cloth.

Handling Precautions Not defined.

Storage Requirements Store at room temperature. Keep out of heat and/or direct sunlight.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection	N/A	Eye Protection	Protective eyewear.
Hand Protection	Latex gloves.	Skin Protection	Lab coat.

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Appearance	Clear liquid.	Solubility in Water	Completely.	Melting Point/Range	N/A
Odor	Ethyl alcohol odor.	pH	N/A	Other Data	Rapid evaporation rate. 99% volatile.

SECTION X - STABILITY AND REACTIVITY

Chemical Stability Conditions and Materials to Avoid Strong oxidizing agents.

Hazardous Decomposition Products CO₂

SECTION XI - TOXICOLOGICAL INFORMATION

Route of Entry	<input type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> Inhalation Acute <input type="checkbox"/> Inhalation Chronic <input checked="" type="checkbox"/> Ingestion
Effects and Symptoms of Short-Term Exposure	Eyes: Irritation.
Chronic Effects and Symptoms of Long-Term Exposure	Eyes: Irritation. Ingestion: Irritation (burning of throat).
Sensitization	N/A

SECTION XII - ECOLOGICAL INFORMATION

Biodegradability Yes.

SECTION XIII - DISPOSAL CONSIDERATIONS

Method of Waste Disposal In accordance with government regulations.

Further Details None.

SECTION XIV - TRANSPORT INFORMATION

Not regulated.

SECTION XV - REGULATORY INFORMATION

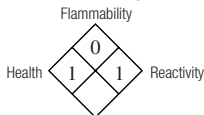
Not defined.

SECTION XVI - OTHER INFORMATION

FOR DENTAL USE ONLY. Use as directed.

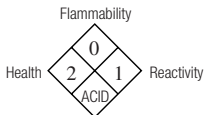
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UltraSeal XT plus



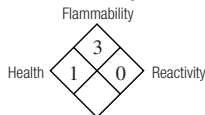
MSDS Included.
Shelf Life: 24 months

Ultra-Etch



MSDS Included.
Shelf Life: 48 months

PrimaDry



MSDS Included.
Shelf Life: 24 months

HAZARD RATING

- 4 = Severe
- 3 = Serious
- 2 = Moderate
- 1 = Slight
- 0 = Minimal

Ultradent syringes have an expiration date stamped on the side of the syringe consisting of one letter and three numbers. The letter is a lot number used for manufacturing purposes and the three numbers are the expiration date. The first two numbers are the month, and the third number is the last number of the year.

U.S. federal law restricts the sale of this device by or on the order of a dentist.
Keep out of reach of children.
Refrigerate if not used on a daily basis.

For immediate reorder and/or complete descriptions of Ultradent's product line, refer to Ultradent's catalog or call Toll Free **1-800-552-5512**.
Outside U.S. call (801) 572-4200 or visit www.ultradent.com.

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U.S. Patent Nos.: 4,997,371; 5,246,371; 5,269,684; and 5,425,641. Other U.S. and International Patents Granted and Pending.

ULTRADENT
PRODUCTS, INC.

Manufactured by: Ultradent Products, Inc.
505 West 10200 South, South Jordan, Utah 84095, USA

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